media-xystems

Support for data-driven decision makers

An integrated suite of web-based, Palm handheld connected products that help education professionals collect and manage data for decision-making.

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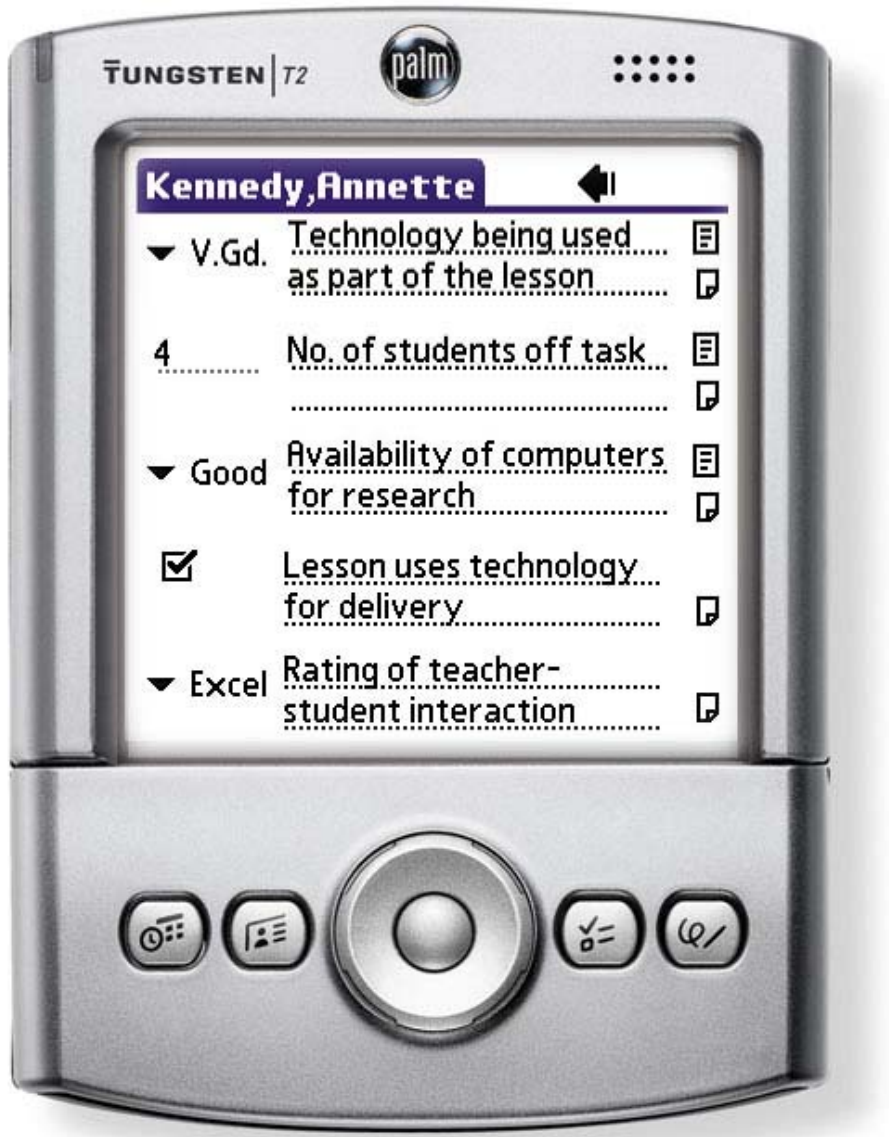
Data-driven decisions

media-(x)ystems *Support for data-driven decision makers*

eWalk™



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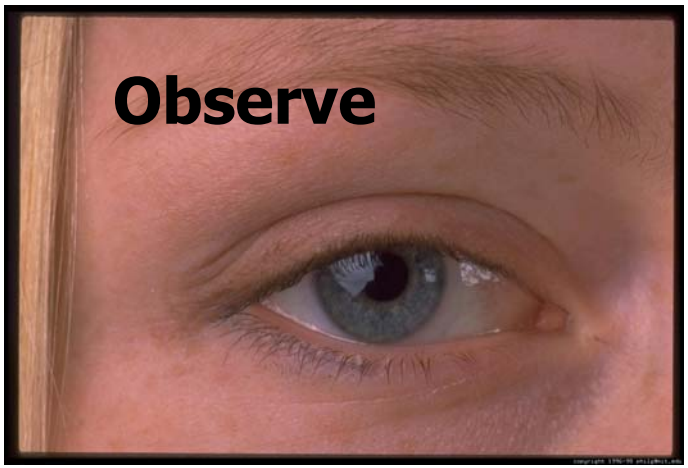
Data-driven decisions

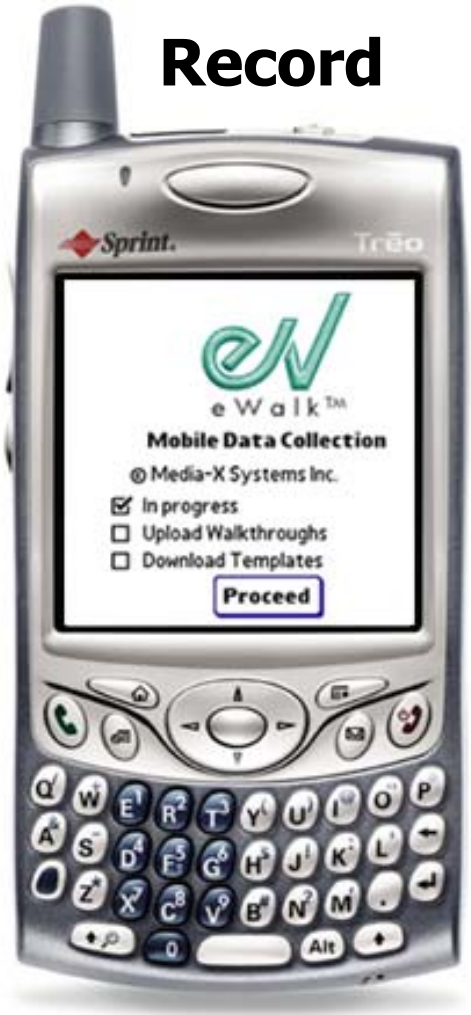
What is eWalk?

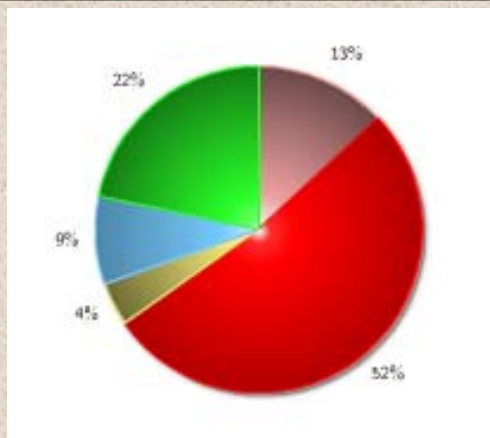
- Web-based data collection system with handheld connectivity
- Designed for both school and district-level usage
- Easy to implement with Media-X providing assistance as needed
- Flexible system that can be used for wide variety of applications

eWalk model



Record





Aggregate

Analyze

Report

Compare

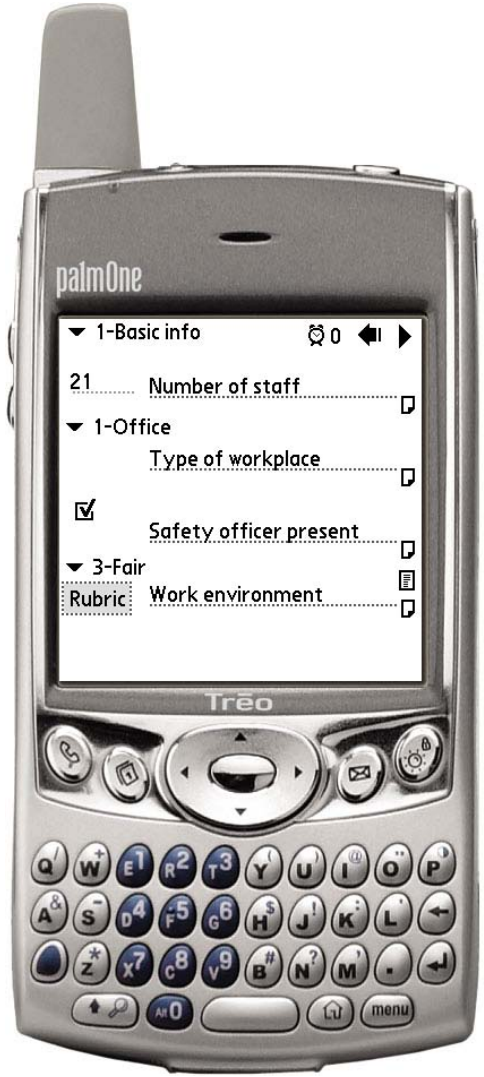
Adjust

eWalk implementation

eWalk helps make an easy conversion from a paper-based to electronic data collection process

eWalk in action

eWalk™



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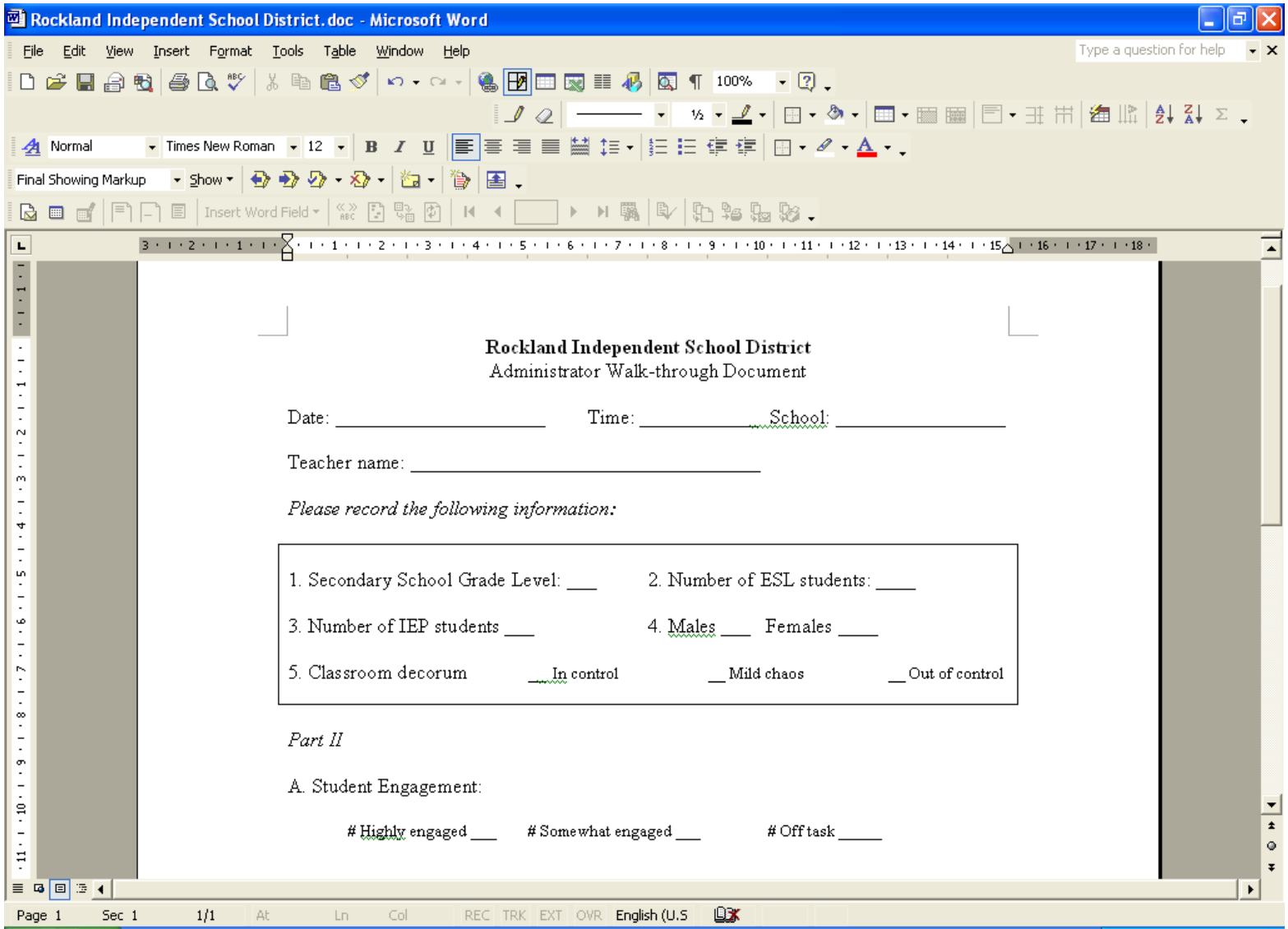
3 minute walk-through (original print form)

Word Document



Rockland Independent School District
Administrator Walk-through Document

Date: _____ Time: _____ School: _____

Teacher name: _____

Please record the following information:

1. Secondary School Grade Level: ___ 2. Number of ESL students: ____

3. Number of IEP students ___ 4. Males ___ Females ____

5. Classroom decorum __In control __Mild chaos __Out of control

Part II

A. Student Engagement:

Highly engaged ___ # Somewhat engaged ___ # Off task _____

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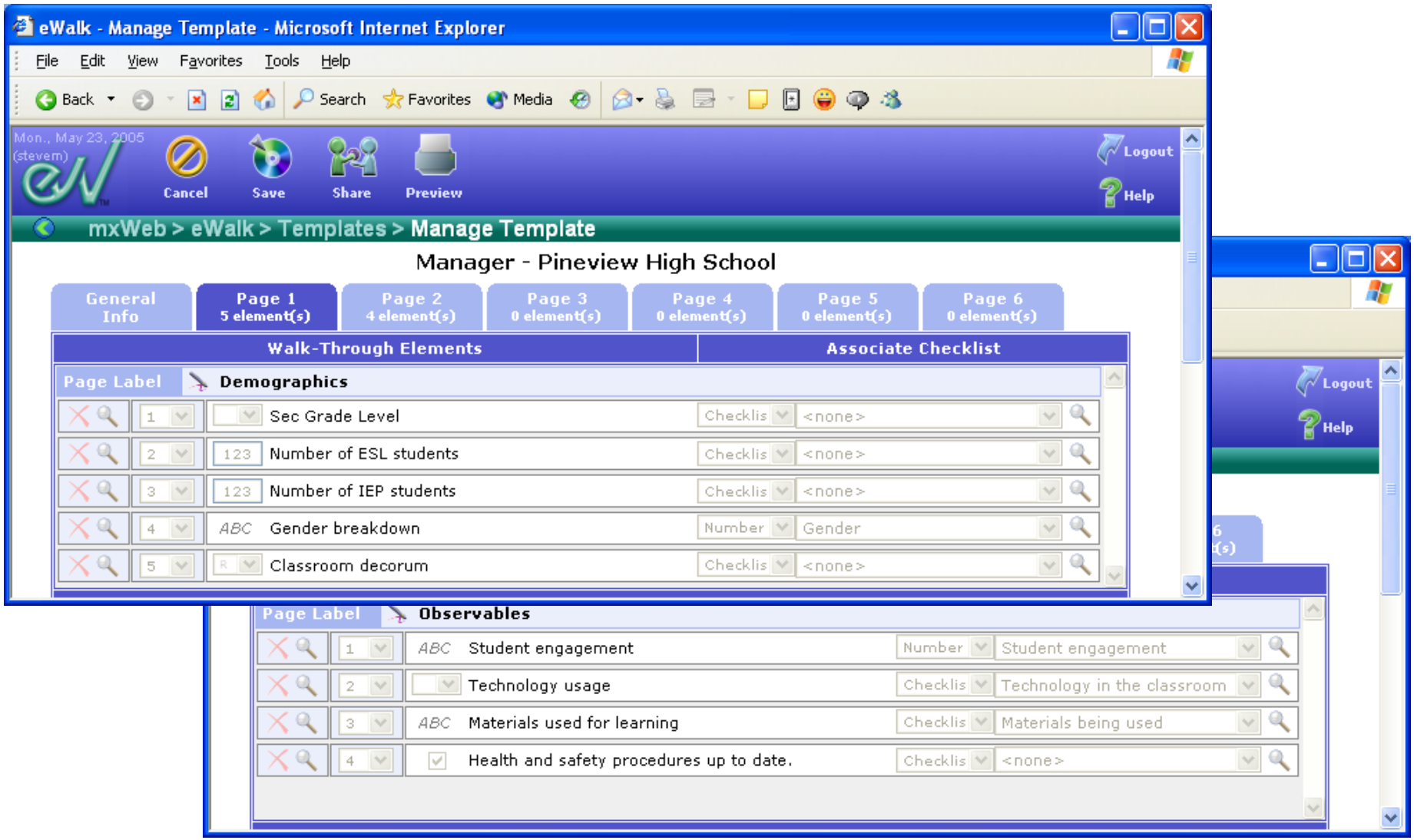
Converted to eWalk template



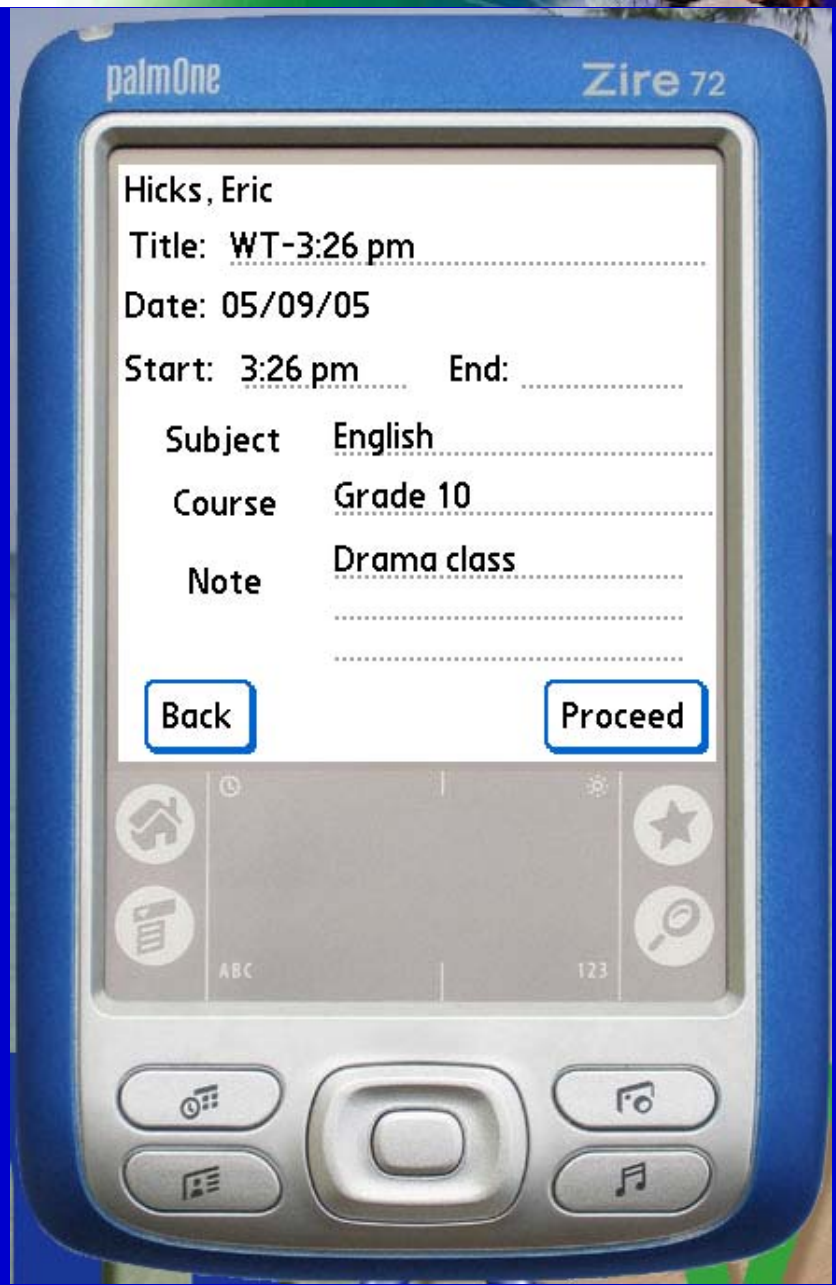
This templates is now ready for ready to use with eWalk on the Palm handheld.

The conversion from Word document to eWalk template was completed in less than 15 minutes.

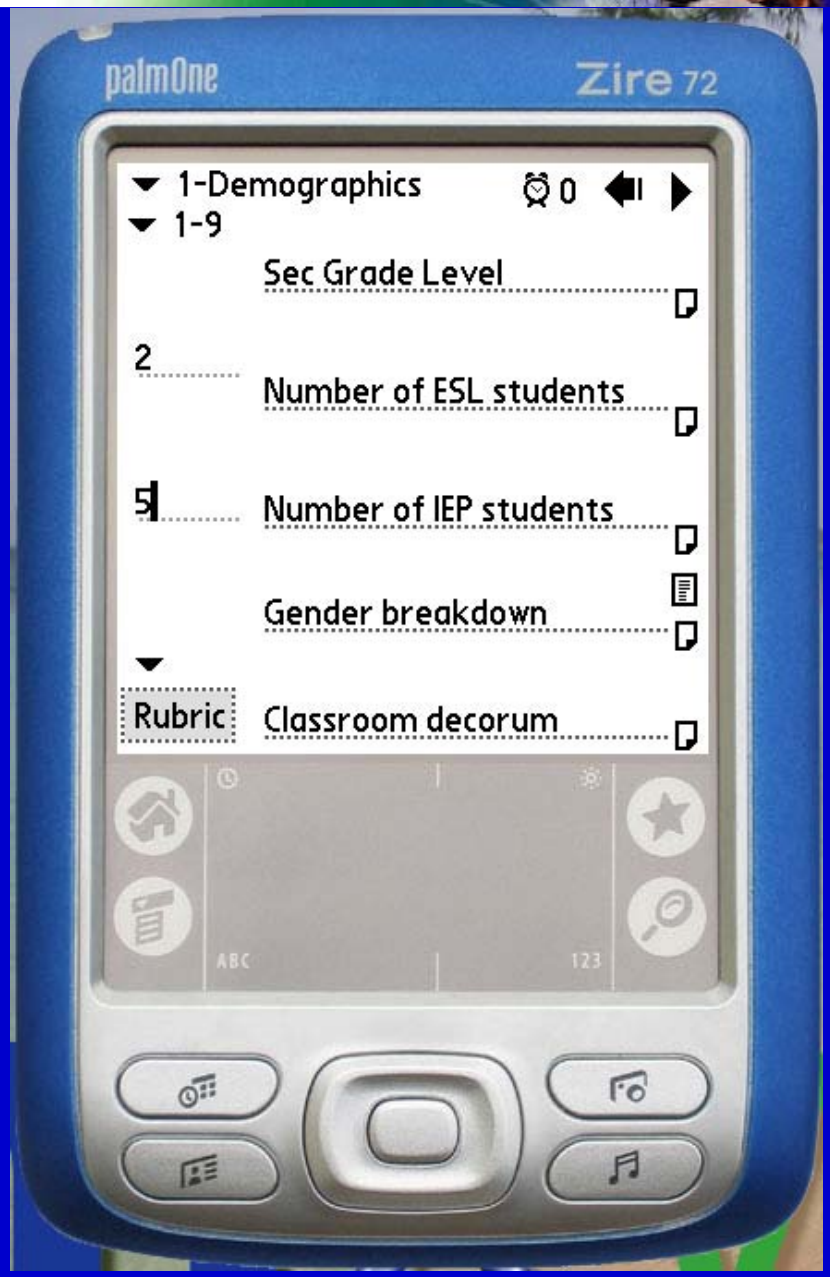
Using the template now is fast and easy.

Time, date are automatically entered.

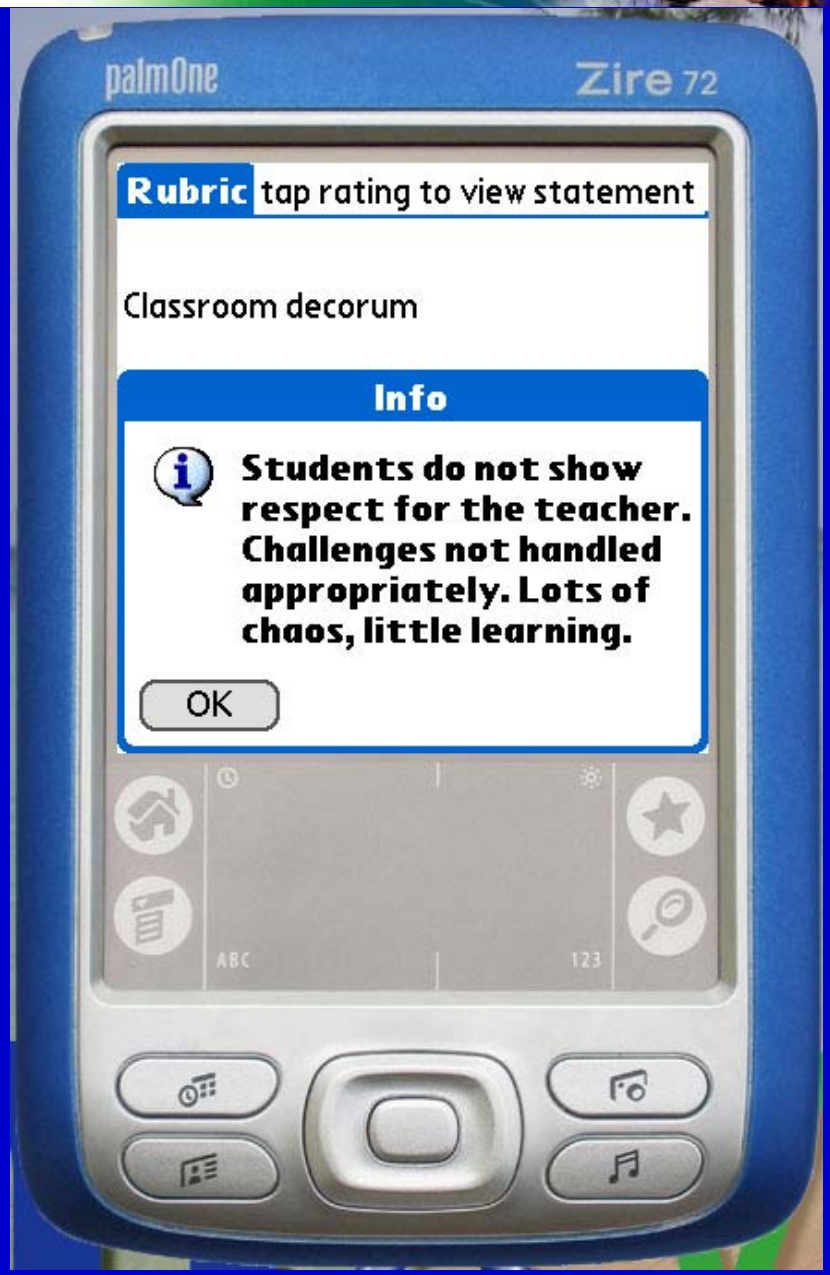
Teacher is chosen from a pulldown list.



Information is entered using pull-downs, number entry keypad, checklists, etc.



Rubrics can supply additional detail when selecting ratings



A checklist and anecdotal note can be attached to each data element

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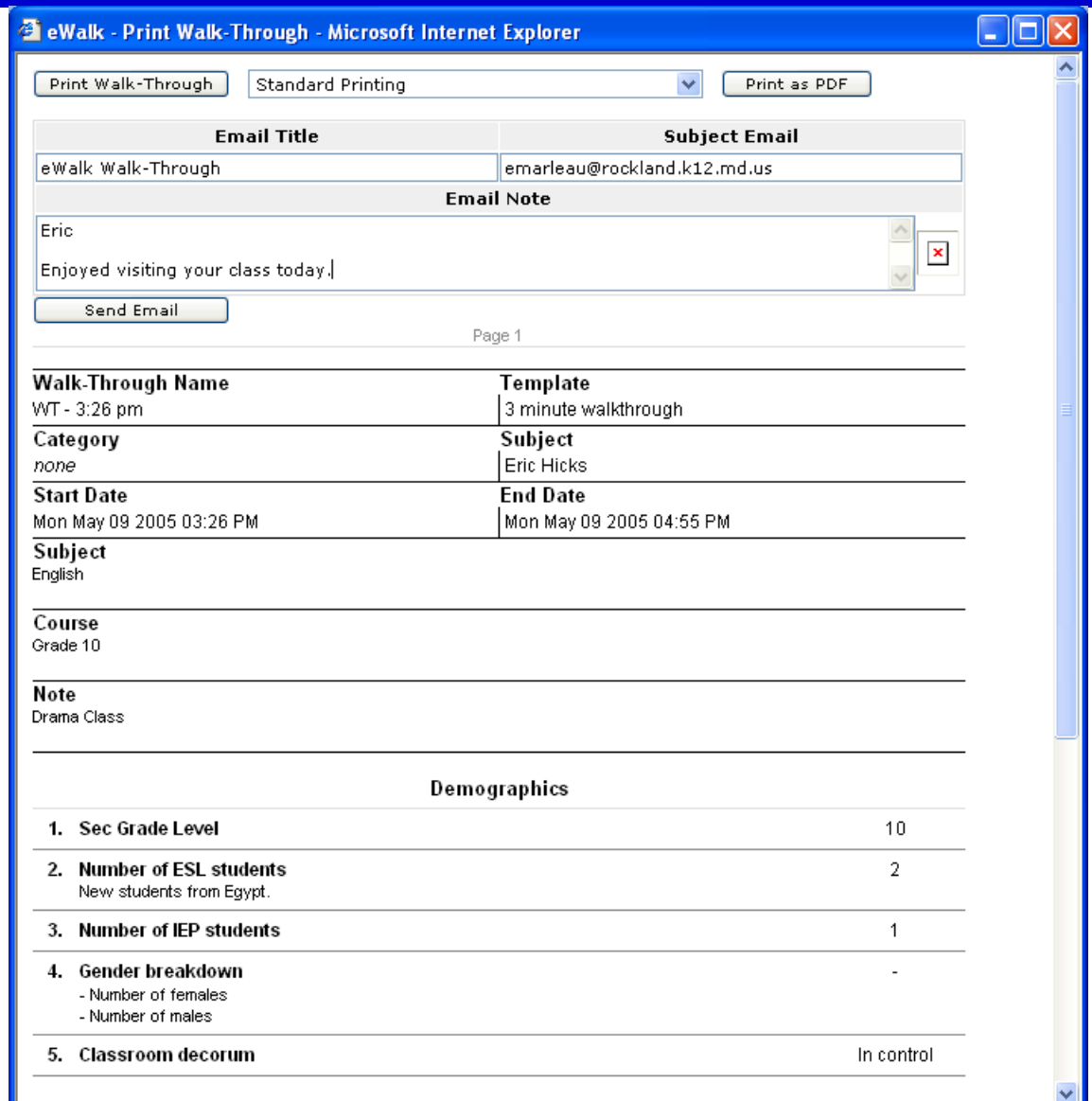
Completed walk-throughs

Completed walk-throughs are sent to the web from the Palm handheld using a standard HotSync, or a wireless upload.

Walk-through can be edited, emailed, printed.

Custom forms can be easily created with District logos, built-in graphs and mathematical calculations and formulas (smart forms.)



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Custom print forms

eWalk - Print Walk-Through - Microsoft Internet Explorer

Page 1

LoTi Texas Individual Walkthrough Observation Report

Walkthrough Information

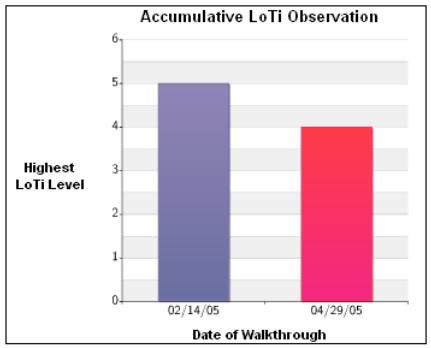
Date: 04/29/05 02:10 PM

Name: Susan Birrell

Position: Teacher

Settings: Computer Lab

Notes: Students working in classroom on interactive math and science project.



Technologies Used

Internet Technology: ✓ web proje ✓ research

Video Technology: ✓ video repo ✓ broadcast

Other Technologies: ✓ Graphics/ ✓ Hypermed

Curriculum Areas Observed

TEKS Integration:

eWalk - Print Walk-Through - Microsoft Internet Explorer

Page 1

Seneca R-7 School District
seneca, mo

WALK - IN OBSERVATION

Teacher Name: Mark Powers

Grade/Class:

Date: Fri Feb 25 2005 **Entrance:** 04:00 AM **Exit:** 04:00 AM

	Teacher was:	
✓	Mobile	✓
	Standing	
	Desk (seated)	
	Absent	
✓	Prepared	✓
	Unprepared	
	Other	

	Classroom Climate:	
✓	Comforable	✓
	Uncomfortable	
✓	Organized	
	Unorganized	
	Other	

eWalk - Print Walk-Through - Microsoft Internet Explorer

Quality Assurance Kitchen Evaluation

School: Greenhill Elementary Supervisor: John Smith

Evaluator: Jim Baldoni Manager: John Smith

Date of Evaluation: Thu Dec 09 2004 Time: 09:15 AM Score: 4

I. FOOD QUALITY			III. FACILITIES / EQUIPMENT		
Menu Items	**Possible**	**Actual**	**Items**	**Possible**	**Actual**
HOT FOODS	5	3	FRONT OF THE HOUSE - SERVING LINES: HOT/COLD STATION	5	0
SALADS	5	0			
SANDWICHES	5	1	FRONT OF THE HOUSE - BEVERAGE EQUIPMENT	5	0
BREAD	4	0	FRONT OF THE HOUSE - COOKING EQUIPMENT	3	0
DESSERTS	5	0	BACK OF THE HOUSE - STORAGE EQUIPMENT	4	0
BEVERAGE	2	0	BACK OF THE HOUSE - PREPARATION EQUIPMENT	2	0
EXTRA PRODUCTS	2	0	BACK OF THE HOUSE - GENERAL SANITATION/SAFETY	9	0
TOTAL	28	4	**TOTAL**	28	0

II. OPERATIONS			SUMMARY		
Areas	**Possible**	**Actual**	**Categories**	**Possible**	**Actual**
MANAGEMENT	12	0	I. FOOD QUALITY	28	4
CUSTOMER SERVICE	8	0	II. OPERATIONS	26	0
PERSONNEL	6	0	III. FACILITIES / EQUIPMENT	28	0
TOTAL	26	0	**TOTAL**	82	4

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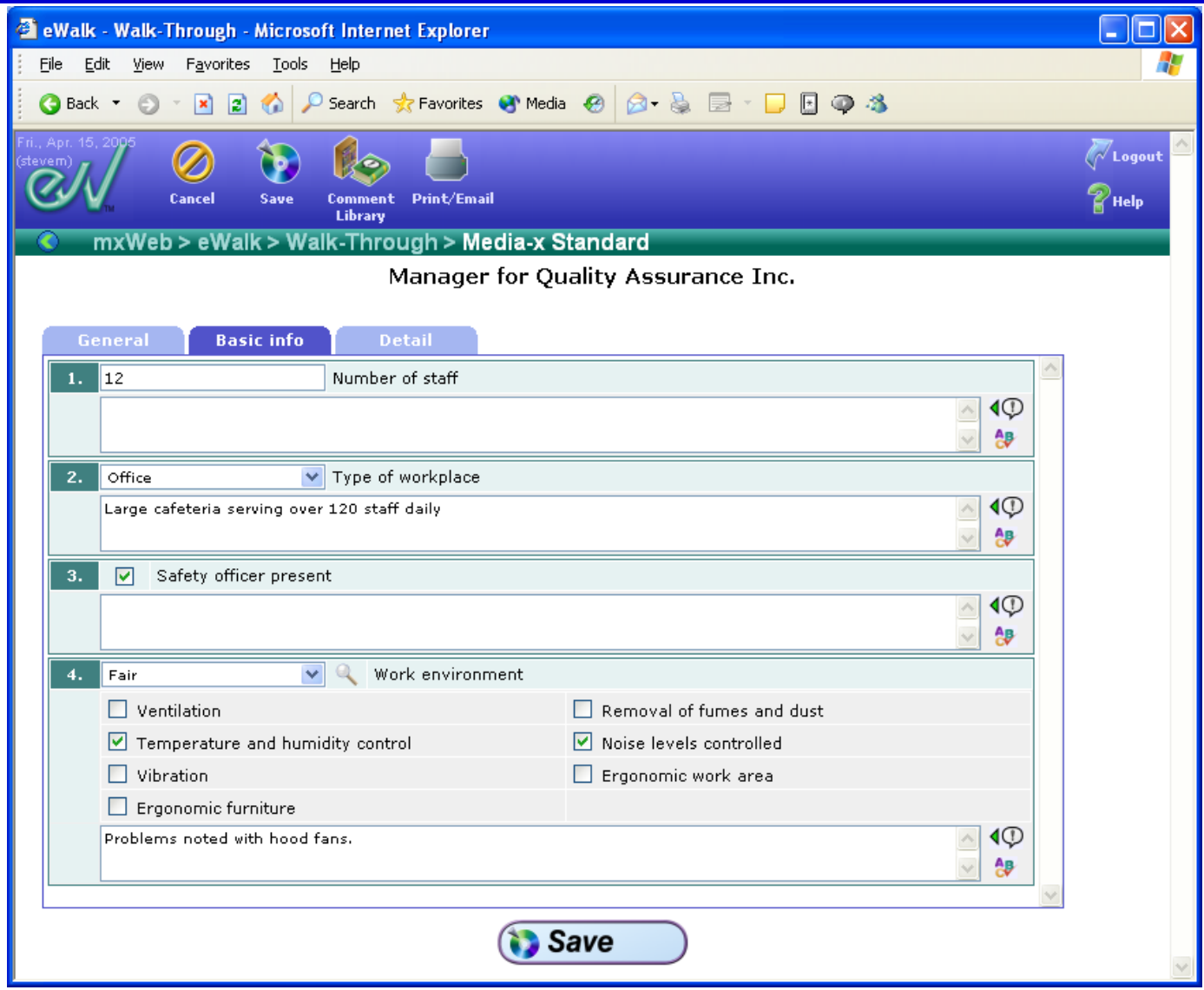
Editing walk-throughs

All uploaded walk-throughs on the web can be easily reviewed and modified if necessary.



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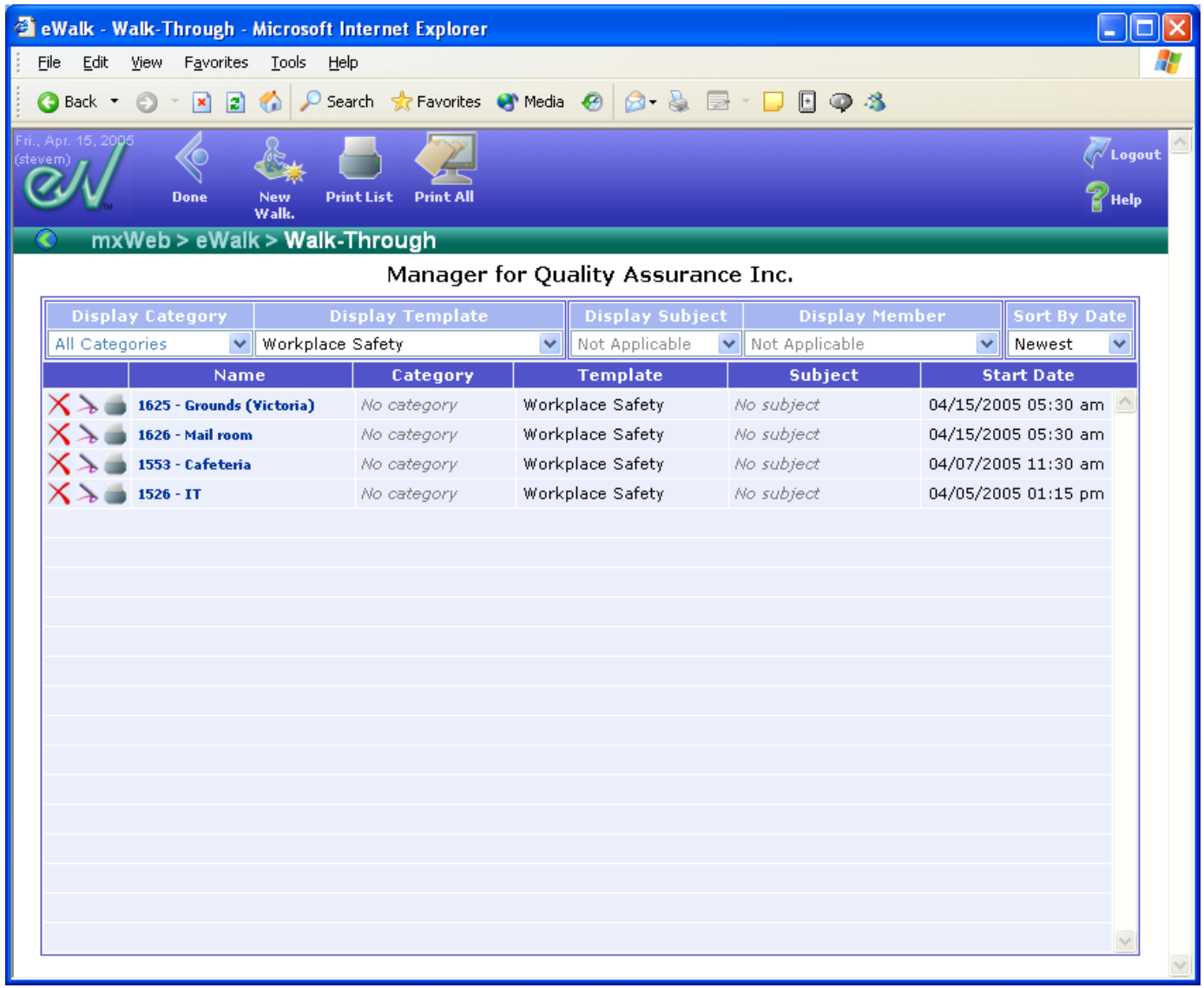
Storing and retrieving walk-throughs

Walk-throughs can be viewed and sorted by date, template, subject, etc.

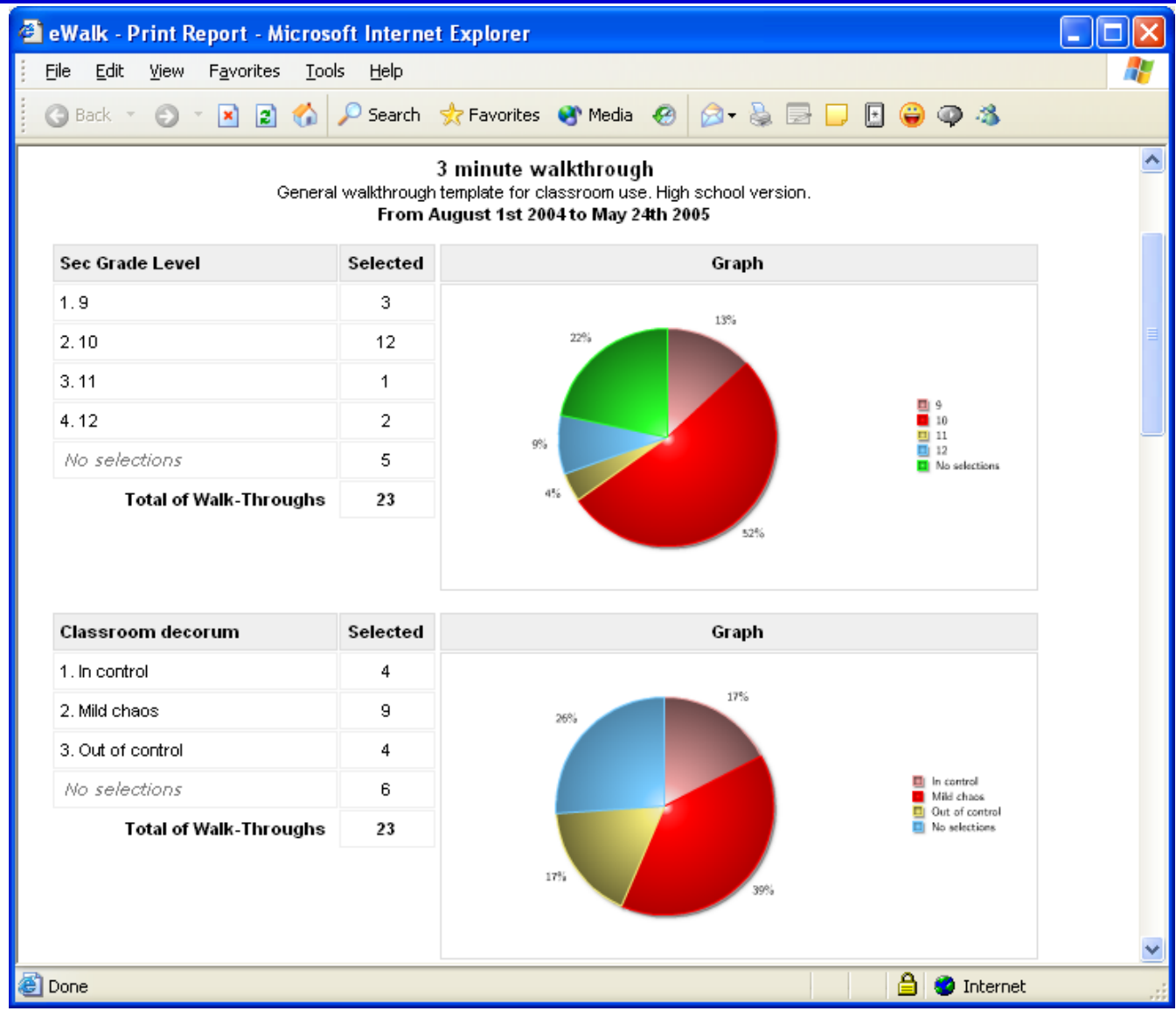


Data analysis

Data from walk-throughs can be viewed in numerical or graphical formats.

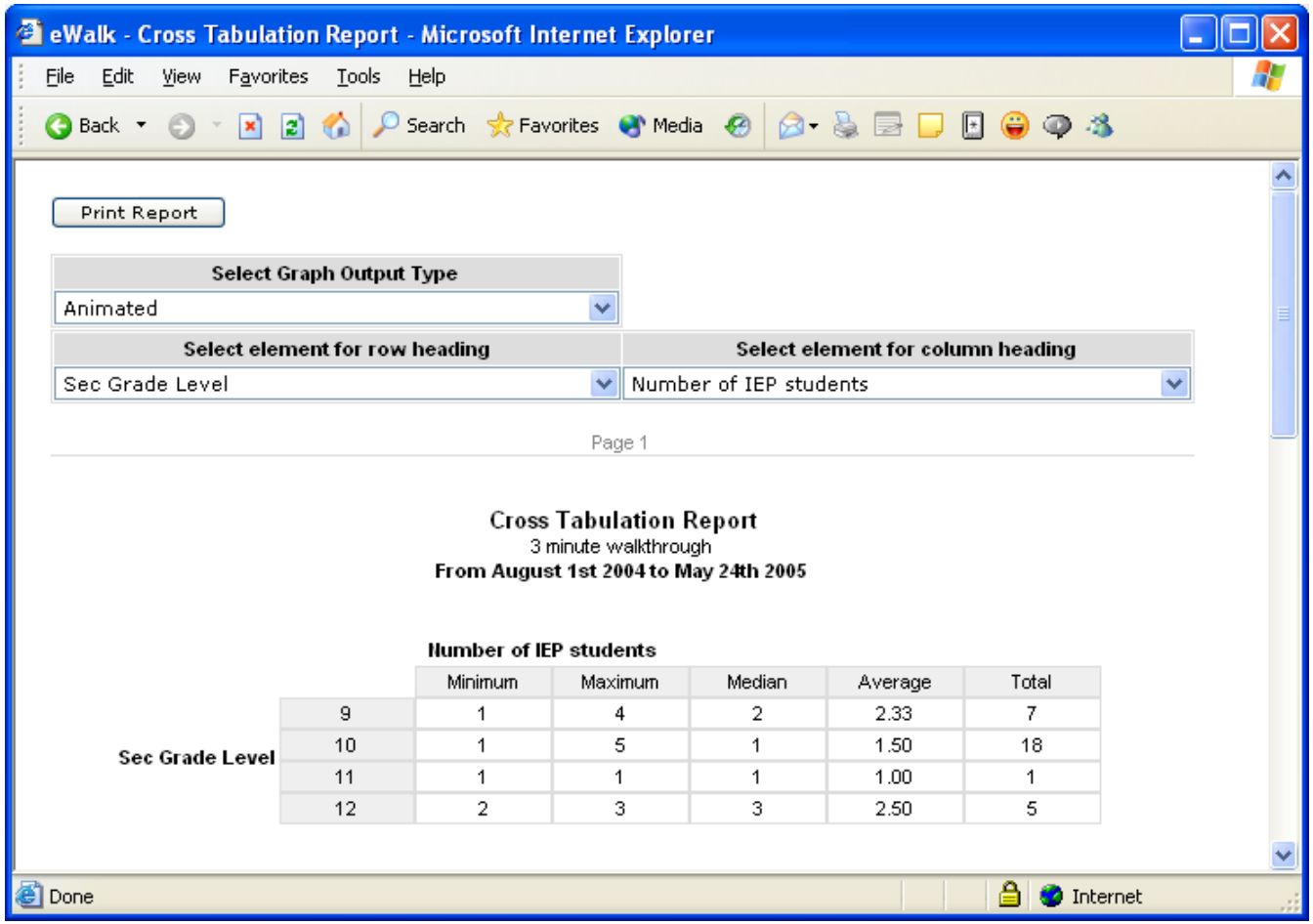
Currently there are more than a dozen different built-in eWalk reports.

Custom reports can be easily created.



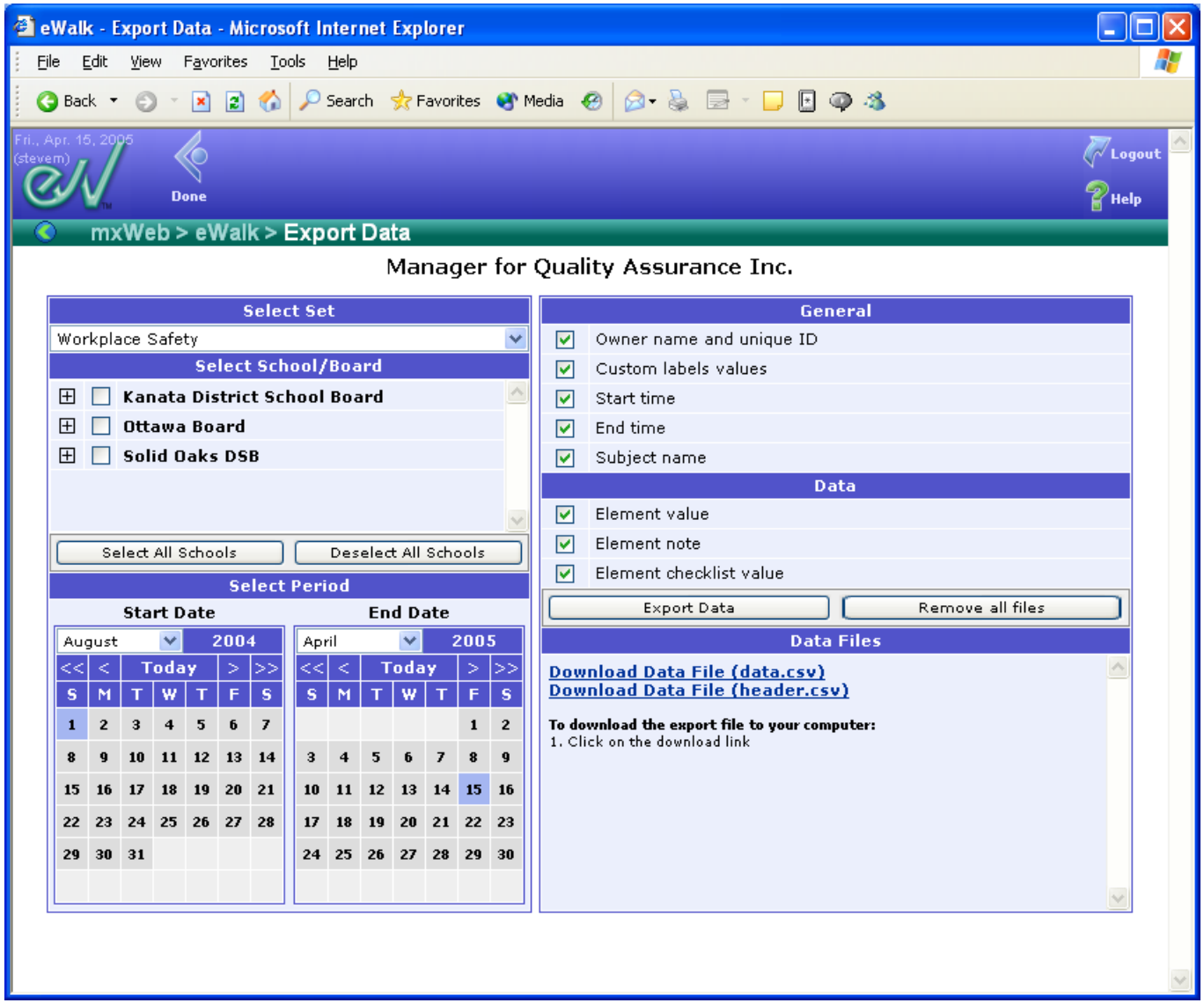
Cross-tabulation analysis

Dynamic cross-tabulation feature allows comparison of eWalk elements.



Data analysis

For further analysis all data can be exported as standard .csv file for use in Excel, FileMaker or other databases.



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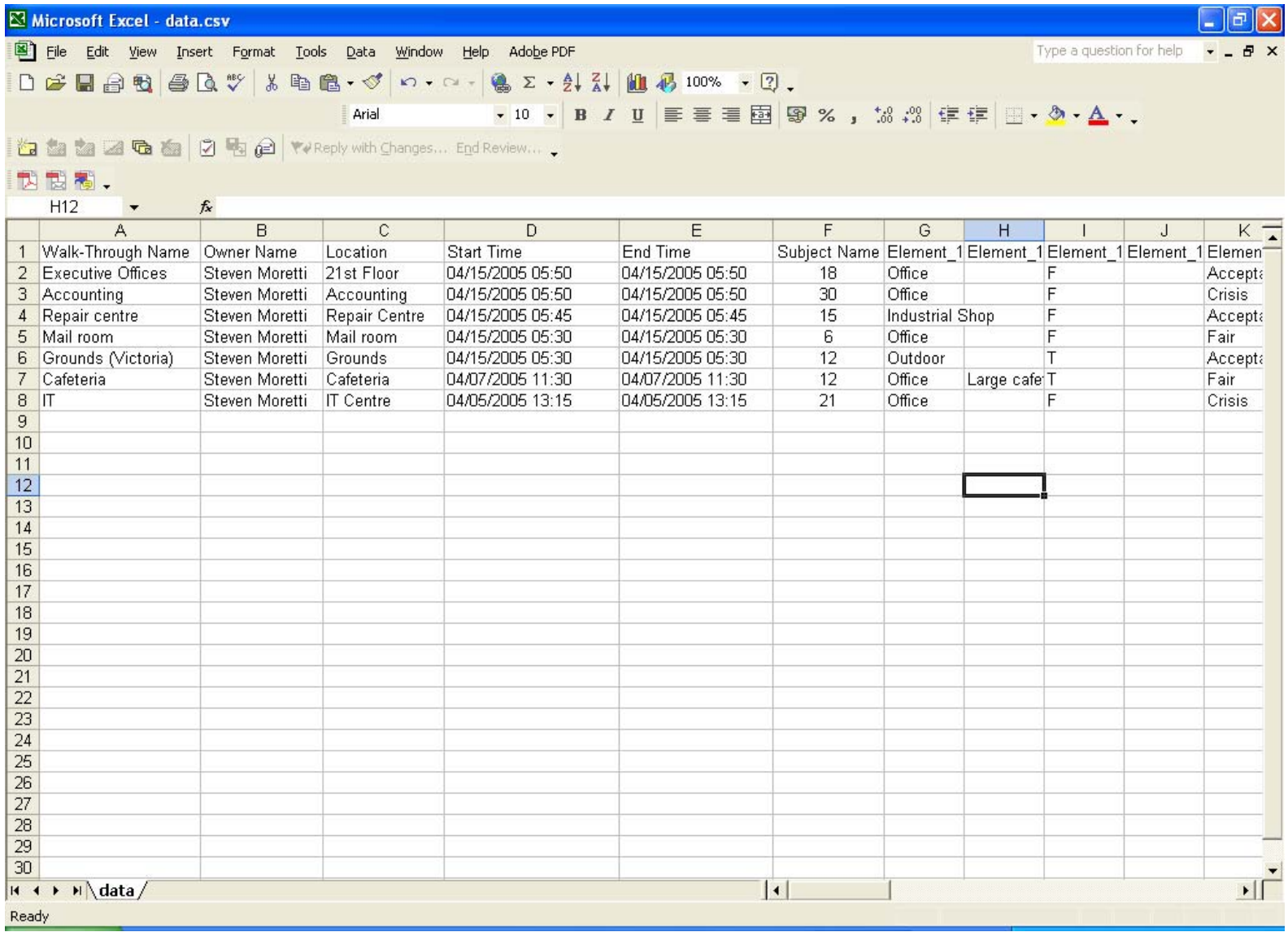
eWalk data exported in Excel format


Microsoft Excel - data.csv

File Edit View Insert Format Tools Data Window Help Adobe PDF

H12

	A	B	C	D	E	F	G	H	I	J	K
1	Walk-Through Name	Owner Name	Location	Start Time	End Time	Subject Name	Element_1	Element_1	Element_1	Element_1	Elemen
2	Executive Offices	Steven Moretti	21st Floor	04/15/2005 05:50	04/15/2005 05:50	18	Office		F		Accepta
3	Accounting	Steven Moretti	Accounting	04/15/2005 05:50	04/15/2005 05:50	30	Office		F		Crisis
4	Repair centre	Steven Moretti	Repair Centre	04/15/2005 05:45	04/15/2005 05:45	15	Industrial Shop		F		Accepta
5	Mail room	Steven Moretti	Mail room	04/15/2005 05:30	04/15/2005 05:30	6	Office		F		Fair
6	Grounds (Victoria)	Steven Moretti	Grounds	04/15/2005 05:30	04/15/2005 05:30	12	Outdoor		T		Accepta
7	Cafeteria	Steven Moretti	Cafeteria	04/07/2005 11:30	04/07/2005 11:30	12	Office	Large cafe	T		Fair
8	IT	Steven Moretti	IT Centre	04/05/2005 13:15	04/05/2005 13:15	21	Office		F		Crisis
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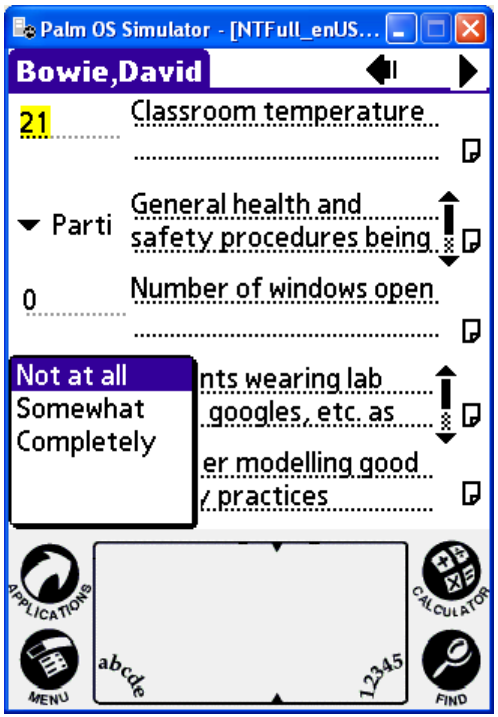
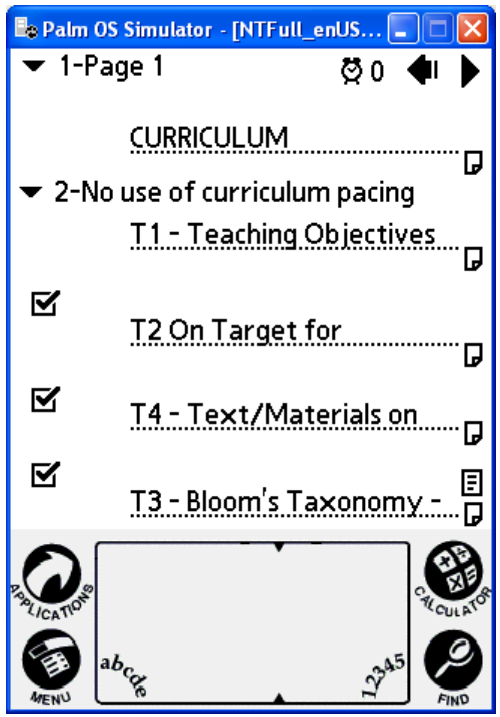
data

Ready

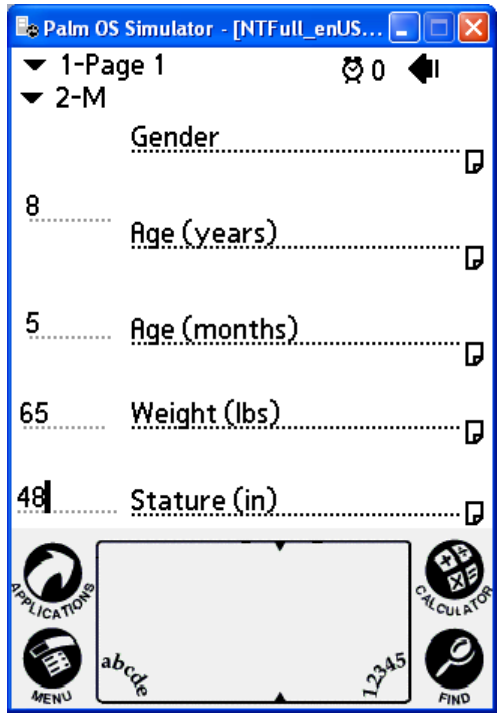
Other eWalk examples



Health & Safety



Bloom's Taxonomy



Body Mass Index

eWalk key points

- Collect data from unlimited number of Palm handhelds or through direct entry on web
- Instant analysis of submitted walk-throughs
- Export data for further analysis
- Simple data entry can be used with sophisticated “smart forms” that can be saved as PDF documents with graphics and logos.

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